

Please provide the following new Abstract of the Disclosure:

A water filter has a body provided with an inlet, an outlet and a drain pipe provided with lock valves and a main filtering element composed of an ion-exchange material and having input and output surfaces for filtrated liquid, wherein the ion-exchange material is embodied in such a way that it is voluminous, has a required shape, is reinforced with a rigid reinforcement which is fixed to a perforated support, and forms a continuous porous frame from sphero colloids having required pore sizes which are defined by required cleaning parameters, the volume of the filtering mass of the element material being calculated according to mathematical expressions, and the input surface of the main filtering element is coated with an additional filtering and correcting layer of a fine substance introduced in the form of a powder through a loading valve in the cavity of the body in a filtered liquid flow deposited on the input surface of the main filtering element and dynamically retained by ram pressure of liquid, with the powder granule sizes being higher than the pores of the pores of the ion-exchange material, and the volume thereof corresponding to the shape of the main filtering element and defined according to mathematical expressions.